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S/N 10/022,609

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: VANDLEN ET AL. Examiner: R. HAYES  
Serial No.: 10/022,609 Group Art Unit: 1647  
Filed: DECEMBER 17, 2001 Docket No.: 11669.171USC5  
Confirmation No.: 5365 Customer No.: 23552  
Title: STRUCTURE, PRODUCTION AND USE OF HEREGULIN 2  
LIGANDS

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 372667993 US  
Date of Deposit: January 8, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

Name: Sheryl A. Boerboom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. An Information Disclosure Statement was submitted on December 17, 2001, the Examiner crossed off numbers 43 and 46 because the Examiner said there were no copies and also crossed off numbers 47 and 48 due to the fact that were not cited properly. Applicants now provide copies of the documents previously cited for which the Examiner had no copies. References 47 and 48 are not provided because they were previously submitted in the parent application.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Enclosed is a

check in the amount of \$180.00 under 37 C.F.R. § 1.17(p) for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

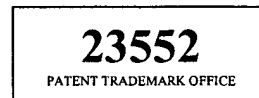
Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: January 8, 2004

Katherine M. Kowalchuk  
Katherine M. Kowalchuk  
Reg. No. 36,848



FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

669.171USC5

Application Number:

10/022,609

Applicant: VANDLEN ET AL.

Filing Date: DECEMBER 17,  
2001

Group Art Unit: 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Maniatis et al., "Molecular Cloning: A Laboratory Manual", <u>1st edition, New York Cold Spring Harbor Lab Press</u> , Chapter 12, pps. Selected pages (1982)
	Nosoh et al., "Protein Stability and Stabilization through Protein Engineering", <u>New York, New York: Ellis Horwood Ltd.</u> , pp. 26, 27, 55-56, 62, 143, 180 (1991)
	Paper No. 7 dated March 20, 1995 from the history of Serial No. 08/096,277, now U.S. Patent No. 5,875,482, authored by Lawrence H. Posorske, publicly available as of the issue date of the patent of November 26, 1996
	Paper No. 8 dated June 29, 1995 from file history of Serial No. 08/096,277, now U.S. Patent No. 5,875,482, authored by U.S. PTO Examiner, publicly available as of issue date of the patent of November 26, 1996

23552

PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.